

Post-doctoral Fellowship in Food Science

Field of knowledge: Food Science and Technology

FAPESP process: [2021/11967-6](#)

Project title: Center of Science for Development – Solutions for post-consumer waste: packaging and products – CCD Circula.

Working area: “Recycling of post-consumer polyolefins for food, beverage and cosmetics packaging in Brazil considering the Brazilian scenario”.

Number of vacancies: 1

Principal investigator: Profa. Dra. Marisa Padula

Unidade/Instituição: Centro de Tecnologia de Embalagem – Cetea/Instituto de Tecnologia de Alimentos/Ital

Deadline for submissions: 05/29/2025

Publishing date:

Local: Av. Brasil, 2880, Jardim Brasil, Campinas, SP – CEP 13070-178

E-mail for proposal submission: eaip.bolsas@ital.sp.gov.br, mpadula@ital.sp.gov.br

Summary

Center of Science for Development – Solutions for post-consumer waste: packaging and products – CCD Circula makes public the opening of applications for a post-doctoral fellowship in the research area of “Recycling of post-consumer polyolefins for food, beverage and cosmetic packaging in Brazil considering the Brazilian scenario”, to be developed in the Packaging Technology Center of the Institute of Food Technology - Ital in Campinas / SP.

The mission of the CCD Circula is to be a Science Center for the Development of innovative solutions aimed at the problem of post-consumer waste to reduce or eliminate its negative impact, based on the principles of the circular economy and the Sustainable Development Goals.

We are looking for a candidate interested in developing a research project on: “Reuse and recycling technologies”.

Post-Doctoral (PD) Fellowship will be granted for 34 months. The fellowship demands full time dedication to the research project. After the selection, the candidate and the research project must be submitted to Fapesp for final approval of the Pos-Doctoral (PD) Fellowship.

Once approved, the candidate will receive a São Paulo Research Foundation-FAPESP’s Post-Doctoral fellowship (BRL 12,000.00) monthly, free from income tax, and a research contingency fund, equivalent to 15% of the annual scholarship amount to meet unforeseen expenses and expenses directly related to the research needs.

1. Position summary and required experience

The candidate must have a doctoral degree in Food Science, Food Technology, Chemistry, Food Engineering, Chemical Engineering or correlated areas. It is desirable to have experience in instrumental techniques such as high-resolution gas chromatography, high-resolution liquid chromatography, high resolution liquid chromatograph with time-of-flight/mass spectrometry

system (LC/Q-TOF/MS), mass spectrometry and knowledge in toxicology, chemical structure relationship with carcinogenic potential and consumer exposure studies to contaminants. The candidate should develop a project related to the proposed topic, be able to orient/co-orient students and write and review scientific projects, collaborate with other researches of the CCD and be engaged in the diffusion of technical-scientific knowledge.

2. Profile and required skills:

- Doctoral degree in Food Science, Food Technology, Chemistry, Food Engineering, Chemical Engineering or correlated areas, completed less than seven years ago;
- Graduation in Food Science, Biology, Biochemistry, Food Engineering, Chemistry, Chemical Engineering or related fields;
- Ability to work independently and in collaboration with multidisciplinary research group;
- English language skills for reading, scientific writing and conversation;
- Publication of the scientific results in indexed scientific journals.
- Not to receive a fellowship from another entity, salary or remuneration deriving from the exercise of activities of any nature.

3. Application, documents and dates:

The documents listed below should be sent electronically (in a single PDF) to the evaluation committee, to the e-mails eaip.bolsas@ital.sp.gov.br and mpadula@ital.sp.gov.br, with the title "Post-Doctorate in Recycling of Polyolefins ":

- a) Short CV according to Fapesp instructions (<http://www.fapesp.br/en/6351> - 4 pages MAX);
- b) A letter highlighting your intentions and describing your skills (500 words MAX);

The evaluation will be based on the curriculum and the fulfillment of the established requirements.

Any questions or clarifications about the application process, contact us through the e-mails mentioned.

The deadline for applications is May 29, 2025. The final outcome of the selection process will be communicated to applicants by email.